



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

RBW6205G11231-3G  
Job Sheet 187635



Part No: RBW6205G11231-3G

Job Qty: 1 ea

Part Name: AW139 Swashplate Assembly Tool



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 12/10/18

Job Tracking No:

Due Date: 1/28/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBW6205G11231-3G REV 0 IPP REV A 18.02.15 NEW ISSUE FK VERIFY DP

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation          | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off |
|-------|--------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|----------|
|       |                    |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |          |
| 90    | Start up Operation | 1 Ea  | 1/28/19    | 1/28/19  | 0.00      | 0.00    | Start Up Small Fab-4  |           | MCC      |
| 110   | Small Fab          | 1 pcs | 1/28/19    | 1/28/19  | 0.00      | 0.00    | Small Fab-4           |           | MCC      |
| 120   | QC                 | 1 pcs | 1/28/19    | 1/28/19  | 0.00      | 0.00    | QC5                   |           | MCC      |
| 130   | Packaging          | 1 pcs | 1/28/19    | 1/28/19  | 0.00      | 0.00    | Packaging3-1          |           | MCC      |
| 140   | QC21-FG            | 1 Ea  | 1/28/19    | 1/28/19  | 0.00      | 0.00    | QC21                  |           | MCC      |

Part Op Descriptions: 110 - 1-Pick RBW6205G15231-3G and RBW6205G13831-3G

### Job BOM

| Part / Item      | Component Name         | Quantity    | Operation             | Container |
|------------------|------------------------|-------------|-----------------------|-----------|
| RBW6205G13831-3G | AW139 Swashplate Box 2 | 1 Ea (1 ea) | 90-Start up Operation | 6 142377  |
| RBW6205G15231-3G | AW139 Swashplate Box 1 | 1 Ea (1 ea) | 90-Start up Operation | 6 142327  |

### Job Allocations

| Operation             | Component Part   | Required | Inventory | Allocated |
|-----------------------|------------------|----------|-----------|-----------|
| 90-Start up Operation | RBW6205G13831-3G | 1        | 0         | 0         |
|                       | RBW6205G15231-3G | 1        | 0         | 0         |

### Part Specifications

Specifications could not be found.



Container No: S145138



Part: RBW6205G11231-3G

Job No: 187635

Serial No/Batch: S145138

Revision: 0

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL.: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

Plex 12/10/18 2:55 PM Dart.lajeunesse.marie

Date: 01/16/19

Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

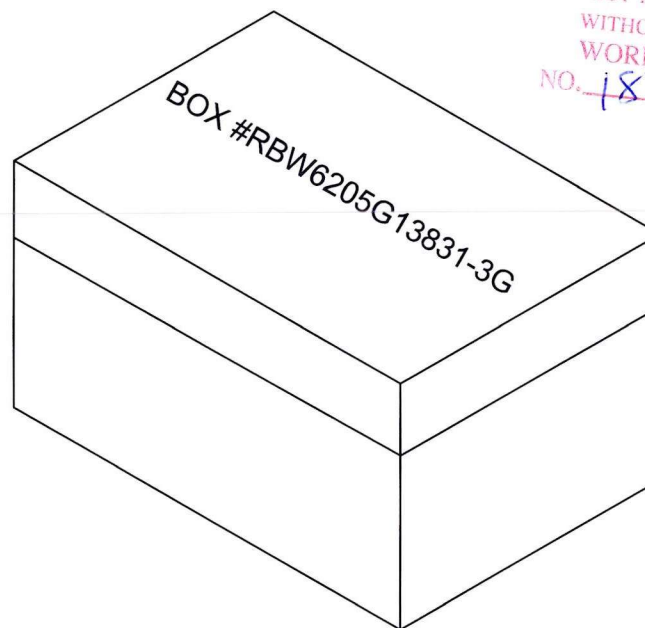
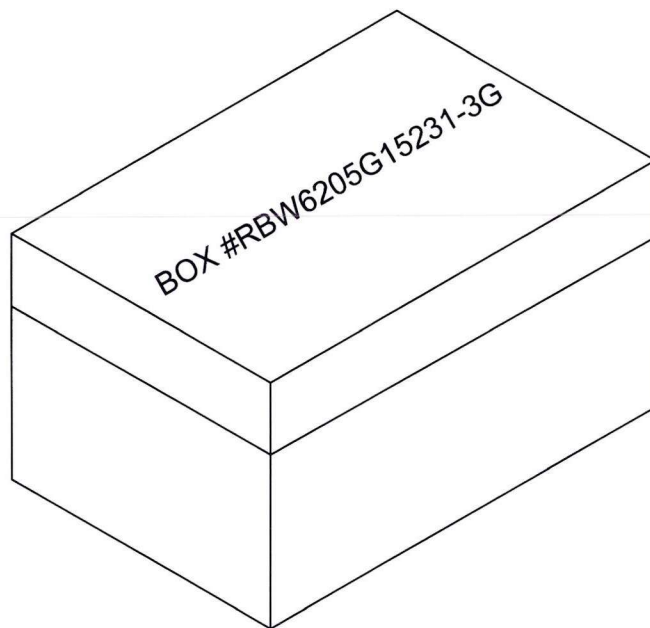
Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                      |  |                        |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | MRB (QSI042)           |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | Completed By           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | Lead hand / Supervisor |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | QC / QA Coordinator    |  |
| <b>Root Cause</b><br><br><div style="display: flex;"> <div style="flex: 1;">           Operator <input type="checkbox"/><br/>           Manufacturing Process <input type="checkbox"/><br/>           Equip/Tooling <input type="checkbox"/><br/>           Handling/Presservation <input type="checkbox"/><br/>           Material <input type="checkbox"/><br/>           Product Improvement <input type="checkbox"/><br/>           Process Improvement <input type="checkbox"/><br/>           Human Factors <input type="checkbox"/> </div> <div style="flex: 1;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex;"> <div style="flex: 1;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="flex: 1;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="flex: 1;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |                        |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |



This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

| REVISIONS |             |      |         |
|-----------|-------------|------|---------|
| REV       | DESCRIPTION | DATE | INITIAL |
| ---       | ---         | ---  | ---     |



SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 187635 MJS  
18-12-10

| ASSY QTY | ASSY QTY | B/O | PART # | UNIT QTY | DESCRIPTION | MATERIAL | B/O INFORMATION OR SPECIFICATIONS | Pg. |
|----------|----------|-----|--------|----------|-------------|----------|-----------------------------------|-----|
|          |          |     | -1     | 1        | BOX 1       |          | RBW6205G15231-3G                  | 1   |
|          |          |     | -3     | 1        | BOX 2       |          | RBW6205G13831-3G                  | 1   |
|          |          |     |        |          |             |          |                                   |     |
|          |          |     |        |          |             |          |                                   |     |
|          |          |     |        |          |             |          |                                   |     |

|                                                                                                                                                                                |                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>RED BARN MACHINE</b>                                                                                                                                                        |                     |
| <b>TITLE</b> AW139 SWASHPLATE KIT                                                                                                                                              |                     |
| <b>DWG NO.</b> RBW6205G11231-3G                                                                                                                                                | <b>REV</b>          |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES ON:<br>DECIMALS .XXX ± .005 METRIC REF. .XXmm ± .1mm<br>.XX ± .01 FRACTIONS ± 1/32<br>.X ± .1 ANGLES ± 5° |                     |
| UNLESS OTHERWISE SPECIFIED<br>1. BREAK ALL SHARP EDGES<br>.015 x 45° PR. .015 R<br>2. DIMENSIONAL LIMITS APPLY AFTER PLATING                                                   |                     |
| <b>SCALE</b> NTS                                                                                                                                                               | <b>DATE</b> 1-31-11 |
| <b>SHEET</b> 1 of 1                                                                                                                                                            |                     |
| <b>DRAWN BY:</b> CLOUGH<br><b>APPROVED:</b> <i>D. West</i><br><b>HEAT TREAT:</b><br><b>FINISH:</b><br><b>SPEC:</b><br><b>USED ON MODEL:</b> AW139                              |                     |